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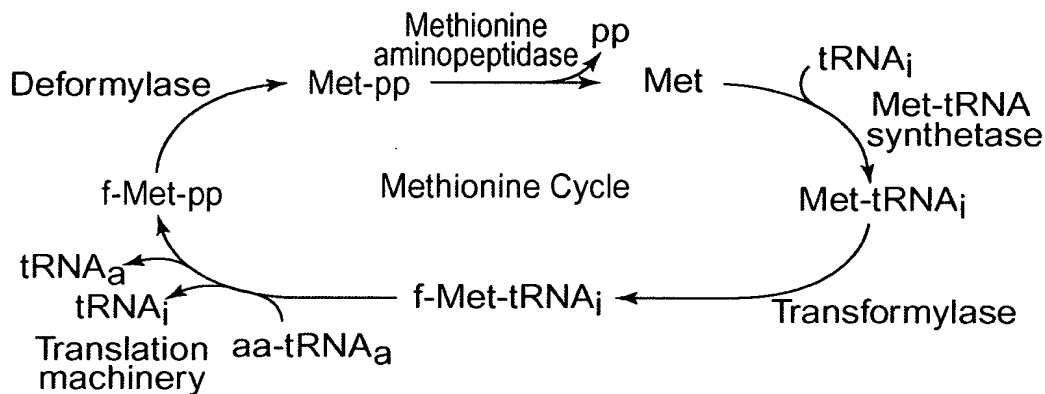


Fig. 1

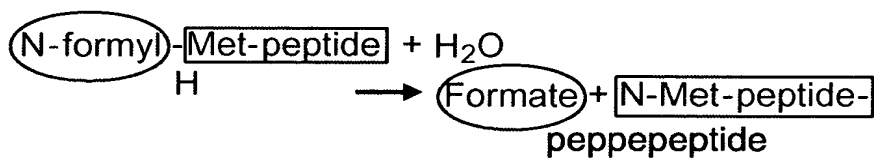


Fig. 2

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1 50

SEQ ID NO:6 Pseudo pdf ~~~~~M AIKKLVPASH

SEQ ID NO:2 E. coli pdf ~~~~~ SVLQVLHIPD

SEQ ID NO:3 Haemop influ ~~~~~M TALNVLIYPD

SEQ ID NO:4 Bacillus sub ~~~~~M AVKKVVTHPA

SEQ ID NO:5 Mycopl pneu MTKILPVSTI SIFRIILILP QINMELLPTK AWLVLDVKE INEPTKPVQF

SEQ ID NO:1 Active pdf MYEYLNLF VIQ..LKQIK IRKVQYMLTM KDIIRDGHPT LRQKAAEEL

51 100

Pseudo pdf PILTKKAQAV KTFDDSLKRL LQDLEDTRYA .QFAAGLCAP QINQSLQVAI

E. coli pdf ERLRKVAKPV EEVNAEIQRI VDDMFETMYA .EEGIGLAAT QVDIHQRIIV

Haemop influ DHLKVCEPV TKVNDAIRKI VDDMFDTMYQ .EKIGILAAP QVDILQRIIT

Bacillus sub EVLETPAETV TVFDKLLKLL LDDMYDTMLE .MDGVGLAAP QIGILKRAAV

Mycopl pneu PLDQASLDCI AKMMAYVDAS YNGD.AEKYG IIPGIGIAAN QIGYWKQM.F

Active pdf PLTKEKETL IAMREFLVNS QDEEIAKRYG LRSGVGLAAP QINISKRM.I

101 150

Pseudo pdfIDMEM. ...EGLLQLV N.....PKI ISQSNETITD IEGSITLPDV

E. coli pdfIDVSEN RDER..LVLI N.....PEL LEKSGET.GI IEGCLSIPFQ

Haemop influIDVEGD KQNG..FVLI N.....PEI LASEGET.GI IEGCLSIPGF

Bacillus subVEIGDD R.GR..IDL N.....PEI LEKSGET.TG IEGCLSFPNV

Mycopl pneu YIHLMD..GG VEHKCLLINP KIINLSANKS FLKSG..... IEGCLSVPKM

Active pdf AVLIPDDGSG KSYDYMLVNP KIVSHSVQEA YLPTG..... IEGCLSVDDN

151 200

Pseudo pdf YG.EVTRSKM IVVESYD.VN GNKVELTAHE DVARMILHII DQMNGIPFTE

E. coli pdf RA.LVPRAEK VKIRALD.RD GKPFELEADG LLAICIQHEM DHLVGKLFMD

Haemop influ RA.LVPRKEK VTRALD.RD GKEFTLDADG LLAICIQHEI DHLNGILFVD

Bacillus sub YG.DVTRADY VKVRAF.N.RQ GKPFILEARG FLARAVQHHEM DHLDGVLFST

Mycopl pneu HQGYVIRHEW ITITGFDWLQ QKEITITATG LFGMCLOHEF DHLQGRFYH

Active pdf VAGLVHRHNI ITIKAKD.IE GNDIQLRLKG YPAIVFQHEI DHLNGVMFYD

201 235

Pseudo pdf RADRILTDKE VEAYFINDRS HHHHHH ~ ~ ~ ~ ~

E. coli pdf YLSPLKQORI RQKVEKLDRL KARA ~ ~ ~ ~ ~

Haemop influ YLSPLKQORI KEKLIKYYKKQ IAKS ~ ~ ~ ~ ~

Bacillus sub KISKYYTEDE LADMEG ~ ~ ~ ~ ~

Mycopl pneu RINPLNPLFT NKEWKVINPA LPSDSE ~ ~ ~ ~ ~

Active pdf HIDKDHPLQP HTDAVEVH HHH ~ ~ ~ ~ ~

Fig. 3



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MW Stds.
Pseudo PDF
Pseudo PDF
PDF 1
PDF 1
PDF 2
PDF 2
MW Stds.

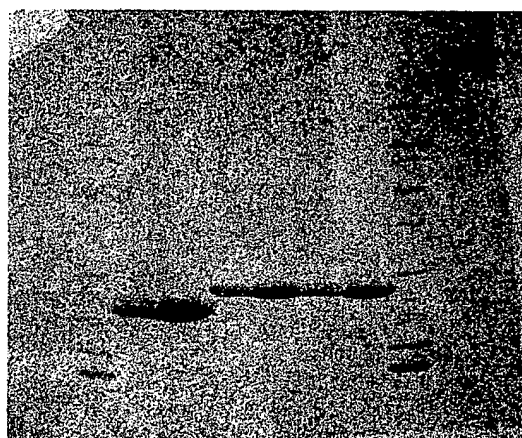


Fig. 4



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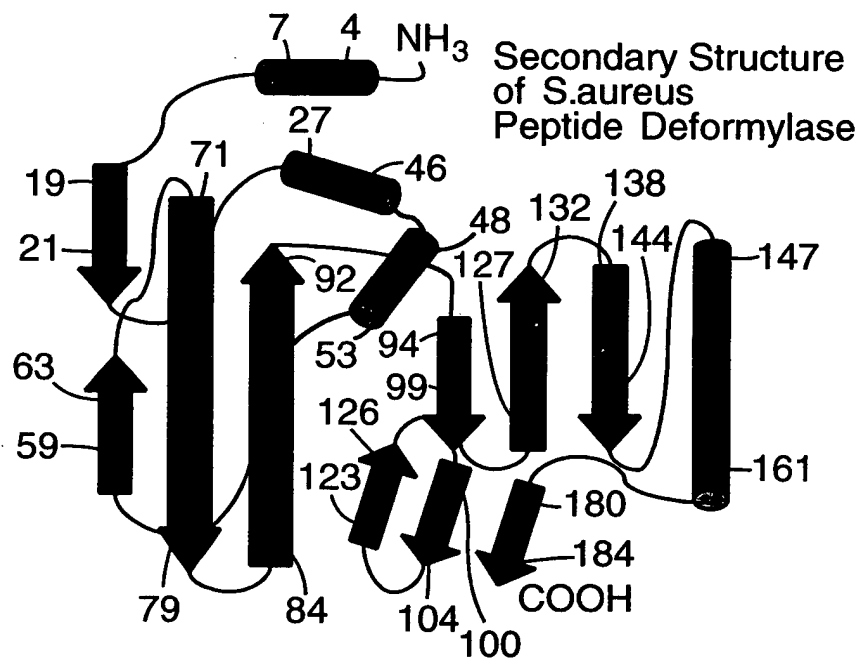


Fig. 5

PDF Secondary Structure



Fig. 6



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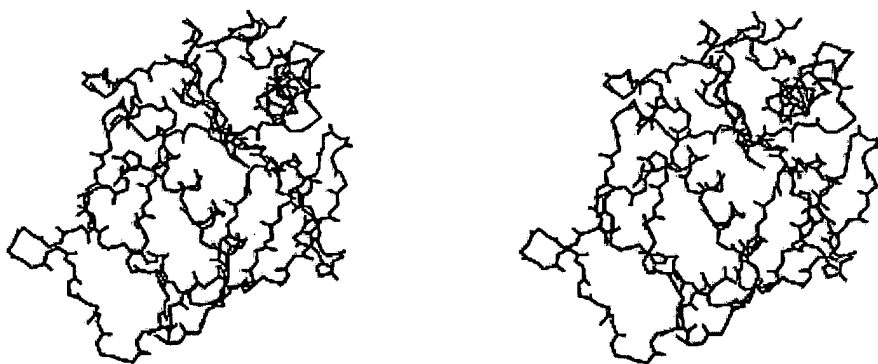


Fig. 7



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Electrostatic Surface
of S.aureus PDF

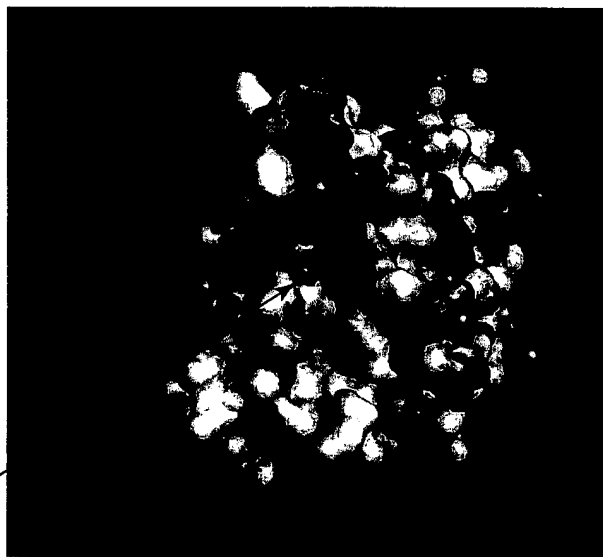


Fig. 8

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RECEIVED

TITLE: CRYSTALLIZATION AND STRUCTURE OF STAPHYLOCOCCUS AUREUS PEPTIDE DEFORMYLASE
Applicant(s): Baldwin et al.
Serial No.: 09/896,580
Express Mail No.: EL 888274525 US

Filed: June 29, 2001
Docket: 6317.N

Confirmation No.: 2621

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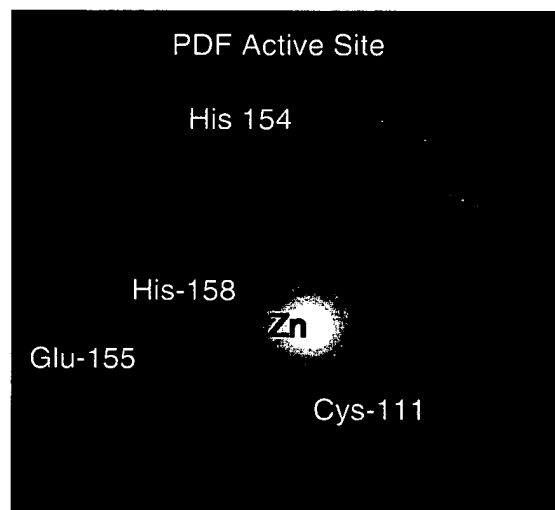


Fig. 9



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SEQ ID NO:7	<i>S.aureus</i>	MLTMKDIIRDGHLRQKAAEELPLTEEEKETLIMREFLVNSQDEEIAKRYG
SEQ ID NO:8	<i>E.coli</i>	SV LRVAKPVEEV EIQRIVDMFETMY
	<i>S.aureus</i>	GVGLAAPQINISKRMIAVLIPDDGSGKSYDLVNPKIVS SVQEAYLPTEGCL
	<i>E.coli</i>	GIGLAATQVDIHQRIIVIDVSEN LINPELLE S GETGI EGCL
	<i>S.aureus</i>	VDDNVALVHRHNRI IKAKDIEGNDIQLRLKGYPVIFQHEIDHLNGVMFYDHI
	<i>E.coli</i>	IPEQR LVPRAEKV IRALDRDGKPFLEADGLLAICIQHEMDHLVGKLFMDYL
	<i>S.aureus</i>	DKDHPLQPHTDAVEVHHH
	<i>E.coli</i>	SPLKQQRIRQKVEKLDRLK

Fig. 10



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Fig. 11a

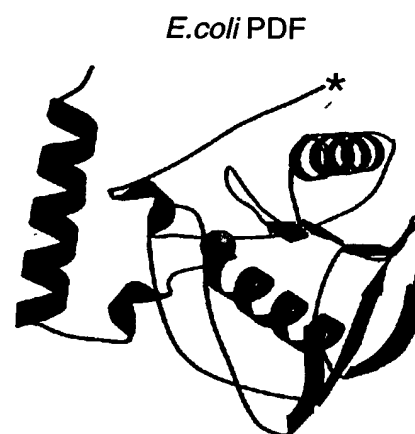


Fig. 11b



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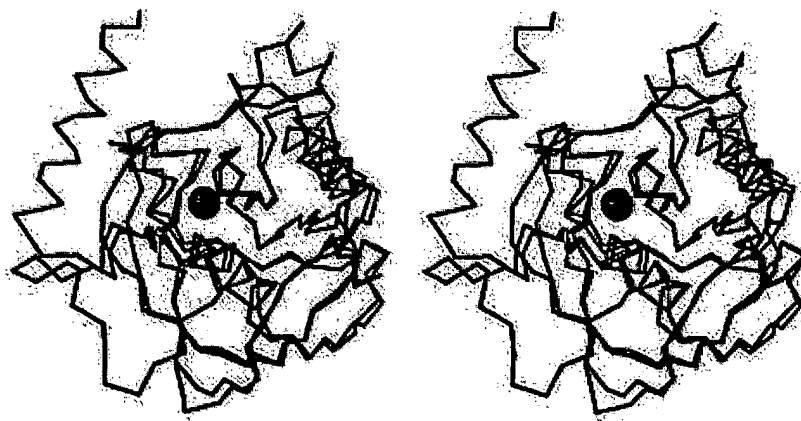


Fig. 12

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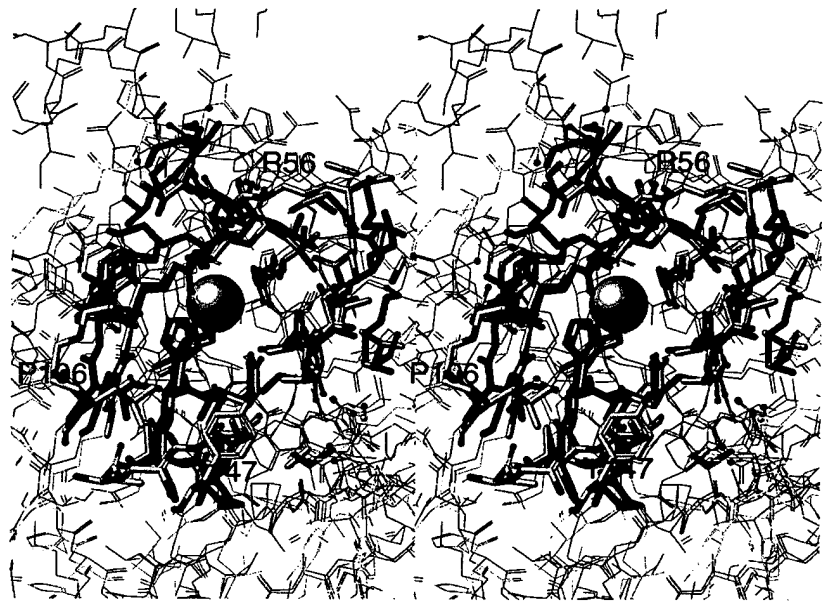


Fig. 13



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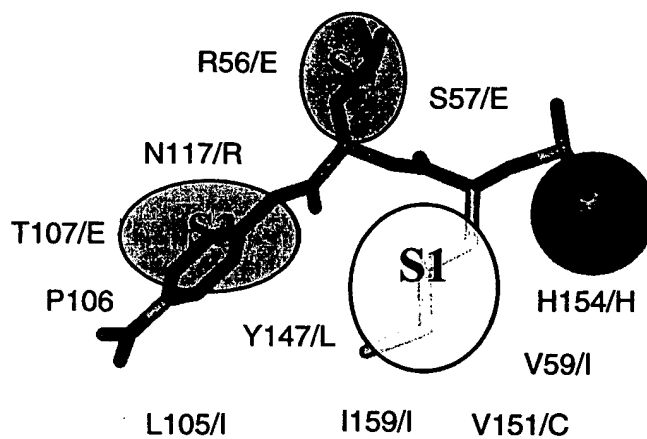


Fig. 14a

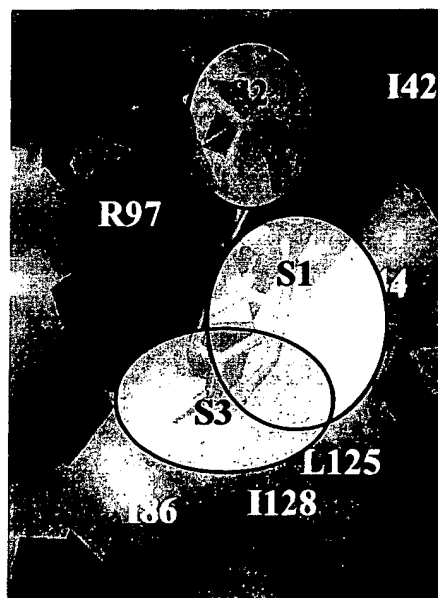


Fig. 14b



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Fig. 15



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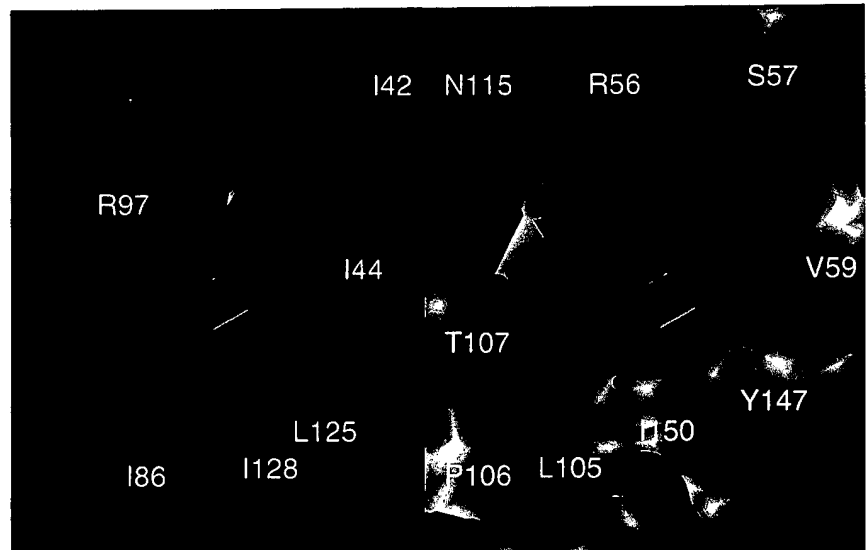


Fig. 16



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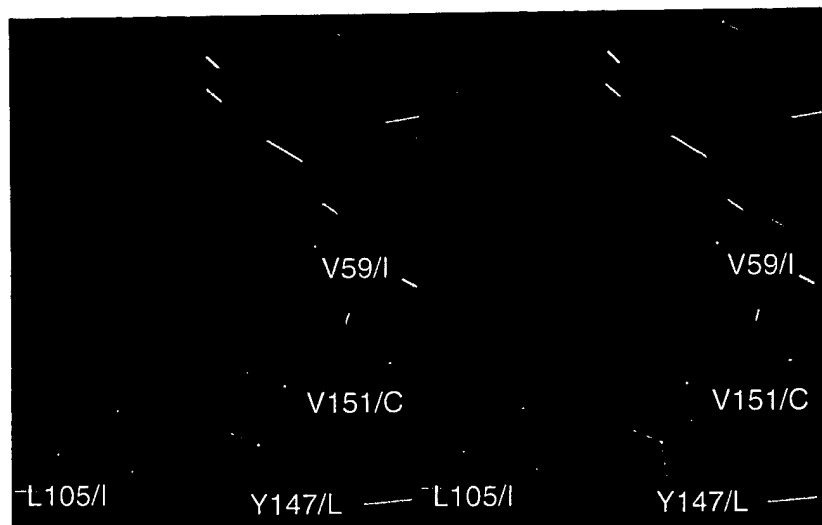


Fig. 17

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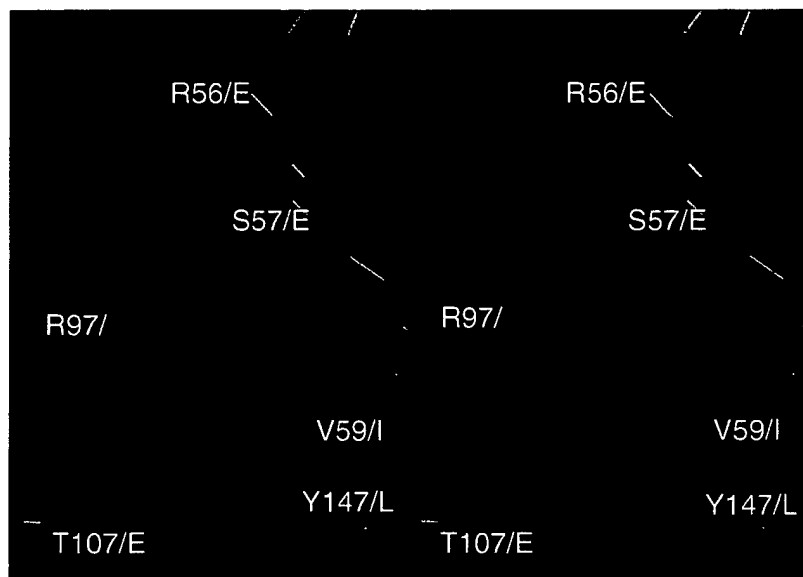


Fig. 18

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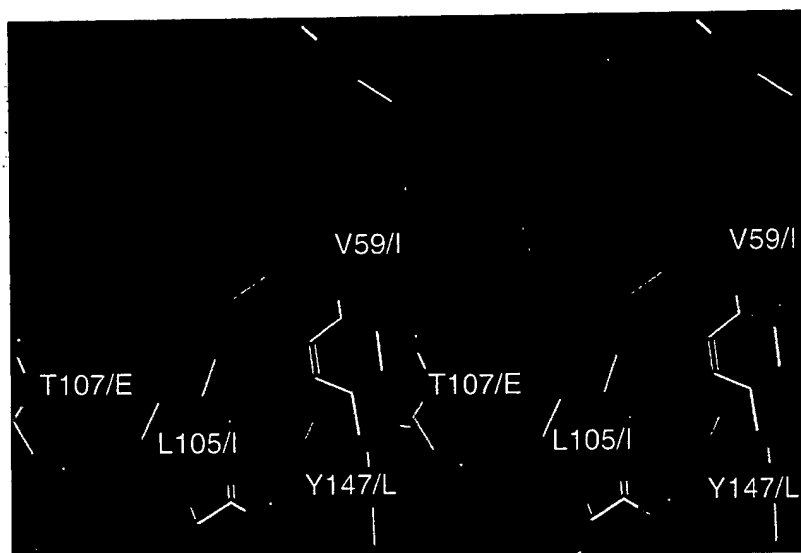


Fig. 19